for control of pollution in the major cities including Delhi.

(xiii) City planners have been advised to incorporate in their plan the long-term requirements of city transportation.

(xiv) Lead level in gasoline has been reduced to a maximum of 0.15 grammes per litre in the gasoline supplied to four metros of Delhi, Bomay, Calcutta and Madras with effect from April 1994 and would be introduced throughout the country by December, 1996. It is proposed to reduce this further.

(xv) A High Powered Committee has been set up under the Chairmanship of Secretary (E&F), Government of India to prepare a comprehensive action plan on environmental pollution control in Delhi.

**Setting up of Birds Research Centre**

2068. SHRI BHAGABAN MAJHI: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether it is a fact that Government have set up a Birds Research Centre at Chandwa in Orissa;

(b) if so, the total land acquired for the purpose;

(c) whether comensation has been paid to the farmers whose land was acquired; and

(d) if so, at what rate and the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI KAMAL NATH): (a) This Ministry has not set up a Birds Research Centre at Chandwa in Orissa.

(b) to (d) Do not arise.

**Plantation of Trees in the country**

2069. MISS SAROJ KHAPARDE : Will the Minister of ENVIRONMENT AND FORESTS be pleased to state :

(a) the total number of trees which were planted in the country during the last three years, till date, State/Union Territory-wise;

(b) the total cost incurred in tree planing in each State/Union Territory during the same period; and

(c) what is the rate of survival of the trees planted during the above period in each State/Union Terriory separately?

THE MINISTER OF STATE OF THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI KAMAL NATH): (a) Under the 20-Point Programme, targets for afforestation/tree planting activities are fixed annually in terms of seedling distribution for planting on privati lands and areas coverage through afforestation on public lands including forest lands. The State/Union Territory-wise details of afforestation/tree planting activities undertaken during the last three years viz. 1991-92, 1992-93, 1993-94 are given in the statement at Annexure I. (*See* Appendix 171), Annexure 34)

(b) The expenditure incurred on afforestation/tree planting activities under the 20-Point Programme during the years viz. 1991-92, 1992-93 and allocation and utilisation for the year 1993-94 are given in the statement I enclosed. (*See* below)

(c) Survival rate studies in respect of the afforestation and tree planting activities are undertaken on the basis of sample checks conducted in 50 randomly selected districts throughout the country. The sample checks of afforestation/tree planting activities undertaken during 1991-92 were conducted through independent agencies/experts in 48 randomly selected districts of the country. The results of the samples checks are given in the statement—II. (*See* below). Annexure-II. The sample checks of afforestation/tree planting activities undertaken during 1992-93 are being conducted through independent agencies/experts in 50 randomly selected districts of the country. The list of the districts selected for the purpose are given in the statement-III.

**Statement-I**

*Statewise allocation and utilisation of funds for afforestation/tree planting activities under The 20-Point Programme during* 1992-93 *and* 1993-94

(Rs. in lakhs)

| Sl. No. | State/UT's | 1991-92 Utilisation | 1992-93 Utilisation | 1993-94 | |
|---|---|---|---|---|---|
| | | | | Allocation | Utilisation |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andhra Pradesh | 2376.92 | 3671.15 | 3324.70 | 1966.49 |
| 2 | Arunachal Pradesh | 432.29 | 429.23 | 511.00 | 1078.53 |
| 3 | Assam | 1728.00 | 703.13 | 1217.00 | NR |
| 4 | Bihar | NR | 1864.70 | 3381.46 | 1533.87 |
| 5 | Goa | 119.07 | 128.23 | 150.80 | 149.64 |
| 6 | Gujarat | 6467.48 | 6663.94 | 6684.04 | 7367.54 |
| 7 | Haryana | 4151.92 | 3940.35 | 3777.40 | NR |
| 8 | Himachal Pradesh | 4048.32 | 4536.73 | 6063.13 | NR |
| 9 | Jammu & Kashmir | 1486.83 | 931.55 | 1108.02 | NR |
| 10 | Karnataka | 3830.06 | 5844.53 | 7548.06 | NR |
| 11 | Kerala | 1207.58 | 1261.15 | 695.05 | 300.00@ |
| 12 | Madhya Pradesh | 6592.49 | 5884.01 | 7350.68* | 5266.36 |
| 13 | Maharashtra | 6565.34 | 6321.10 | 8936.45 | 9044.30 |
| 14 | Manipur | 539.91 | 308.55 | 284.49@ | 402.98 |
| 15 | Meghalaya | 1358.71 | 1196.93 | 1084.20 | NR |
| 16 | Mizoram | 645.30 | 980.55 | 906.09 | 936.14 |
| 17 | Nagaland | 139.72 | NR | 134.46(P) | NR |
| 18 | Orissa | 2444.22 | 3842.85 | 4069.50 | NR |
| 19 | Punjab | 1089.43 | 1903.22 | 1672.70 | NR |
| 20 | Rajasthan | 8034.63 | 9390.41 | 12550.44* | 10883.37 |
| 21 | Sikkim | 384.55 | 436.60 | 364.82 | NR |
| 22 | Tamil Nadu | 3891.94 | 5111.08 | 5199.39 | NR |
| 23 | Tripura | 1233.24 | 978.15 | 1163.63 | NR |
| 24 | Uttar Pradesh | 7238.96 | 9174.84 | 9043.33 | NR |
| 25 | West Bengal | NR | 3618.21 | 2098.30@ | NR |

| 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| 26 | A & N Islands . . . . | 115.44 | 112.97 | 114.85 | NR |
| 27 | Chandigarh . . . . . | 30.00 | 39.00 | 170.00 | NR |
| 28 | D. & N. Haveli . . . . | 105.73 | 137.97 | 200.00 | 186.90 |
| 29 | Daman & Diu . . . . | 16.98 | 15.00 | 13.00 | 14.77 |
| 30 | Delhi . . . . . | 134.14 | 193.25 | 197.00 | NR |
| 31 | Lakshadweep . . . . | 11.34 | 16.00 | 16.50 | NR |
| 32 | Pondicherry . . . . . | 109.82 | 106.81 | 131.00 | NR |
| | TOTAL . . . . | 66530.36 | 79742.19 | 90161.49 | 39130.89 |

*—Revised

@—Tentative

(P)—Provisional

NR—Not Received

**Statement-II**

*Results of Survival Rate Studies conducted through Independent Experts/Agencies in respect of plantation carried out during* 1991-92

| S. No. | Name of District | Average Survival Percentage* |
|---|---|---|
| 1 | 2 | 3 |
| 1 | West Tripura . . . . . | 70.6% |
| 2 | West Kamang . . . . . | 80.3% |
| 3 | West Khasi Hills . . . . . | 65.8% |
| 4 | Mehsana . . . . . | 70.0% & above |
| 5 | Koraput . . . . . | 85.0%—90.0% |
| 6 | Mandi . . . . . | 78.34% |
| 7 | Alwar . . . . . | 88.22% |
| 8 | Sangrur . . . . . | 86.4% |
| 9 | Jalaun . . . . . | 82.85% |
| 10 | Bareilly . . . . . | 74.25% |
| 11 | Sarguja . . . . . | 75.48% |
| 12 | Jorhat . . . . . | 40.0%—50.0% |

| 1 | 2 | 3 |
|---|---|---|
| 13 | Mokakchung | 80.0%—90.0% |
| 14 | Manipur | 70.0%—80.0% |
| 15 | Bahraich | 85.2% |
| 16 | Chandrapur | 64.5% |
| 17 | Chhindwara | 61.3% |
| 18 | Kapurthala | 91.7% |
| 19 | Midnapur | 49.2% |
| 20 | Nadia | 79.6% |
| 21 | Sambalpur | 81.4% |
| 22 | South Sikkim | 50.6% |
| 23 | Medak | 62.8% |
| 24 | Goa | 68.0% |
| 25 | Idduki | 71.78% |
| 26 | Kasargod | 84.83% |
| 27 | Jalgaon | 77.71% |
| 28 | Thanjavur | 81.2% |
| 29 | East Godawari | 68.28% |
| 30 | Kathua | 62.17% |
| 31 | Kolar | 70% —90% |
| 32 | Bastar | 82.07% |
| 33 | Pauri Garhwal | 77.72% |
| 34 | Jamnagar | 70.0% & above |
| 35 | Barmer | 72.0% |
| 36 | Mandsaur | 51.43% |
| 37 | Churu | 72% to 87% |
| 38 | Dungarpur | 65% to 85% |
| 39 | Bhiwani | 60% to 98% |
| 40 | Nellore | 82.7% |
| 41 | Nilgiris | 70% to 90% |
| 42 | Gulbarga | 22% |
| 43 | Mangalore (South Kaannara) | 87% |
| 44 | Dharampuri | 69% |

*—Subject to speciwise/locationwise variations.

**Statement-III**

*List of 50 identified districts proposed for sample checking through experts/independent agencies during* 1992-93

| Sl. No. | Name of State | Name of Districts | Total No. of Districts |
|---|---|---|---|
| 1 | Andhra Pradesh | Cuddapah, Khammam, Mahbubnagar | 3 |
| 2 | Arunachal Pradesh | West Siang | 1 |
| 3 | Assam | Kabi Anglong | 1 |
| 4 | Bihar | West Champaran, Singhbhum | 2 |
| 5 | Gujarat | Bharuch, Junagadh | 2 |
| 6 | Haryana | Ambala, Rohtak | 2 |
| 7 | Himachal Pradesh | Chamba, Sirmaur | 2 |
| 8 | Jammu and Kashmir | Udhampur | 1 |
| 9 | Karnataka | Belgaum, Bellary, Shimoga | 3 |
| 10 | Kerala | Quillon, Trichur | 2 |
| 11 | Madhya Pradesh | Bilaspur, Hoshangabad, Shahdol, Shivpuri | 4 |
| 12 | Maharashtra | Amravati, Bhandra, Dhule, Kolhapur | 4 |
| 13 | Manipur | Manipur West | 1 |
| 14 | Meghalaya | East Khasi Hills | 1 |
| 15 | Mizoram | Aizawl | 1 |
| 16 | Nagaland | Kohima | 1 |
| 17 | Orissa | Phulbani, Dhenkanal, Sundergarh | 3 |
| 18 | Punjab | Bhatinda, Hoshiarpur | 2 |
| 19 | Rajasthan | Bikaner, Udaipur, Baran | 3 |
| 20 | Sikkim | West Sikkim | 1 |
| 21 | Tamil Nadu | North Arcot, Salem, Periyar | 3 |
| 22 | Tripura | North Tripura | 1 |
| 23 | Uttar Pradesh | Gorakhpur, Mirzapur, Pithoragarh, Uttar Kashi | 4 |
| 24 | West Bengal | Jalpaigari, Purulia | 2 |
| | | TOTAL | 50 |

F. N. list